

Converting Colors

YIQ(189.7320, 6.1460, -12.2700)

Have a look what the booklet for
YIQ(189.7320, 6.1460, -12.2700)
contains.

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Color

**YIQ(189.7320, 6.1460,
-12.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC4A2
RGB	188, 196, 162
RGB Percent	74%, 77%, 64%
CMY	0.2628, 0.2313, 0.3646
CMYK	0.04, 0.00, 0.17, 0.23
HSL	74°, 22%, 70%
HSV	74°, 17%, 77%
XYZ	46.9999, 52.7805, 41.8989
YIQ	189.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

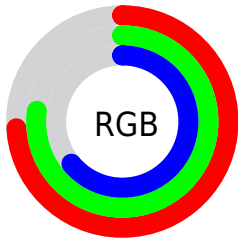
Format	Color
RYB	162, 196, 170
Decimal	12371106
CIELab	77.75, -8.69, 16.16
CIELCh	78, 18.345, 118.263
Yxy	52.7805, 0.3317, 0.3725
Android (android.graphics.Color)	4290561186 (0xFFBCC4A2)
YUV	189.7320, -13.6719, -1.5190
Hunter-Lab	72.6502, -11.6600, 16.6613

Details

The YIQ color $189.7320, 6.1460, -12.2700$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $168.2680, -6.1460, 12.2700$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.2050, 6.1920, -13.1040$, and $136.2590, 6.1000, -11.4360$ is the 20% darker color. If you saturate the color by 10%, you get $185.9570, 9.5860, -19.5500$, and if you desaturate by 10%, it is $193.5070, 2.7060, -4.9900$.

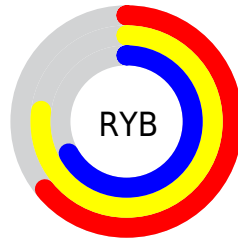
Distribution



Red (74%)

Green (77%)

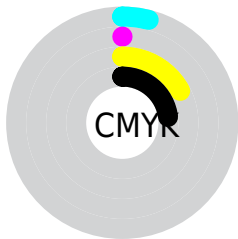
Blue (64%)



Red (64%)

Yellow (77%)

Blue (67%)

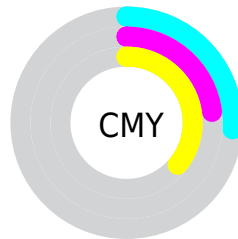


Cyan (4%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (26%)

Magenta (23%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.7320, 6.1460, -12.2700 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 189.7320, 6.1460, -12.2700 by changing the saturation by 10% instead.

■ 189.7320, 6.1460,
-12.2700

■ 189.7320, 6.1460,
-12.2700

255.0000, -0.0000,
-0.0000

■ 162.8460, 5.8250,
-11.9590

■ 246.2050, 6.1920,
-13.1040

■ 136.2590, 6.1000,
-11.4360

■ 253.8600, 3.2100,
-3.1100

■ 111.0740, 5.1830,
-11.3370

■ 86.4870, 5.4580,
-10.8140

■ 63.3020, 4.5410,
-10.7150

■ 40.8290, 4.4950,
-9.8810

■ 20.9430, 4.1740,

-9.5700

■ 0.0000, 0.0000,
0.0000

■ 189.7320, 6.1460,
-12.2700

■ 189.7320, 6.1460,
-12.2700

■ 185.9570, 9.5860,
-19.5500

■ 193.5070, 2.7060,
-4.9900

■ 182.5950, 13.3010,
-26.3070

■ 196.8690, -1.0090,
1.7670

■ 178.8200, 16.7410,
-33.5870

■ 200.6440, -4.4490,
9.0470

■ 175.1590, 19.8600,
-40.5560

■ 204.0060, -8.1640,
15.8040

■ 171.6830, 23.8960,
-47.6240

■ 207.2110, -9.9990,
21.5290

■ 167.9080, 27.3360,
-54.9040

■ 208.7060, -7.0190,
22.5890

■ 164.5460, 31.0510,
-61.6610

■ 209.9020, -4.6350,
23.4370

■ 160.7710, 34.4910,
-68.9410

■ 211.3970, -1.6550,
24.4970

■ 159.9020, 35.5000,
-70.7080

■ 212.8920, 1.3250,
25.5570

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192.0220, 20.1290, -6.8710



189.7320, 6.1460, -12.2700



187.7670, -10.1300, -14.6580

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189.7320, 6.1460, -12.2700



187.9390, -33.5610, -3.0090



195.0510, 22.3260, 13.8940

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



189.7320, 6.1460, -12.2700



168.2680, -6.1460, 12.2700

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



195.3470, 9.8090, 14.9690



189.7320, 6.1460, -12.2700



191.0700, -23.3840, 5.2880

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189.7320, 6.1460, -12.2700



186.2390, -34.7060, -9.7940



193.6700, -7.3380, 11.8460



194.5970, 29.2960, 8.7200

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189.7320, 6.1460, -12.2700



186.9060, -20.7670, -14.6150



193.6700, -7.3380, 11.8460



195.4250, 18.3370, 14.6010

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



189.7320, 6.1460, -12.2700



252.6210, 2.3850, -4.6790



176.8620, 18.0640, 3.0240



126.4900, 1.3760, -2.9120



0.0000, 0.0000, 0.0000



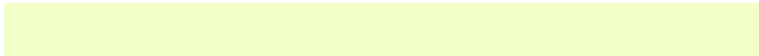
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189.7320, 6.1460, -12.2700



244.9570, 9.5860, -19.5500



184.6490, -3.9860, -15.8740



95.2620, 2.0180, -3.5340



131.2840, 29.0330, -58.1270



26.8460, 5.8250, -11.9590

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



168.2680, -6.1460, 12.2700



211.0430, -9.5860, 19.5500



173.3510, 3.9860, 15.8740



88.7380, -2.0180, 3.5340



29.7160, -29.0330, 58.1270



6.1540, -5.8250, 11.9590

Previews

White Background



This preview shows how the YIQ color 189.7320, 6.1460, -12.2700 looks on a white background.

Color Contrast Check

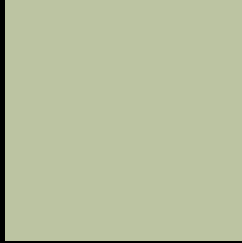
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 189.7320, 6.1460, -12.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

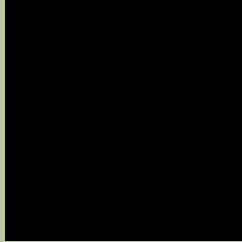
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

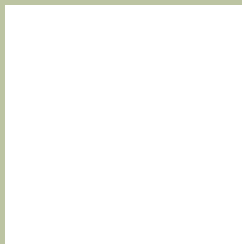
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.7320, 6.1460, -12.2700

Background



This preview shows how black text looks on a background with the YIQ color 189.7320, 6.1460, -12.2700.



This preview shows how white text looks on a background with the YIQ color 189.7320, 6.1460,

-12.2700.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

189.7320, 6.1460, -12.2700

Protanopia

191.6410, 16.8280, -7.6200

Deuteranopia

193.0710, 27.6010, 0.8890



Tritanopia

192.9060, -2.4310, 5.5130

Trichromacy



Original Color

189.7320, 6.1460, -12.2700

Protanomaly

190.8470, 13.2520, -8.8920

Deuteranomaly

191.7170, 19.6700, -4.0580

Tritanomaly

191.6580, 0.9630, -0.9330

Monochromacy



Original Color

189.7320, 6.1460, -12.2700

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.7350, 2.0640, -4.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.7320, 6.1460, -12.2700 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 196, 162)` looks like.

```
.text, #text, p{  
    color:rgb(188, 196, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 196, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 196, 162) }
```

Border

The CSS property to change the border of an element to YIQ 189.7320, 6.1460, -12.2700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 196, 162) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(188, 196, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(188, 196, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 196, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 196, 162);  
box-shadow:4px 4px 4px 4px rgb(188, 196,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 189.7320, 6.1460, -12.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 196, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
196, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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